

### **REMARKS/ARGUMENTS**

In response to the Examiner's further Office Action of March 27, 2007 in the present RCE application, the Applicant respectfully submits the accompanying Amendment of the claims and the below Remarks.

#### ***Regarding Amendment***

In the Amendment:

independent claim 1 is amended to specify that the integrated circuit assembly determines printing performance information of the pagewidth printhead from the authentication device of the cartridge as well as authenticating the authentication device from authentication information stored in the authentication device, so that the inkjet printer formed by the claimed cradle and cartridge is able to print at the determined printing performance. Support for this amendment can be found at page 12, lines 9-26, page 14, line 19-page 15, line 12 and page 17, line 15-page 18, line 9 of the present specification; and

dependent claims 2-5 are unchanged.

It is respectfully submitted that the Amendment does not add any new matter to the present application.

#### ***Regarding 35 USC 103(a) Rejections***

It is respectfully submitted that the subject matter of amended independent claim 1, and claims 2-5 dependent therefrom, is not taught or suggested by newly cited Cook (US 6,158,850) in view of newly cited Drake et al. (US 5,192,959) and/or previously cited Silverbrook, for at least the following reasons.

As discussed above, independent claim 1 has been amended to specify that the integrated circuit assembly not only authenticates the cartridge from authentication information stored by the authentication device but also determines printing performance information of the pagewidth printhead from the authentication device so that the inkjet printer formed by the claimed cradle and cartridge is able to print at the determined printing performance. In this way, the cradle is adaptable to receive cartridges of different or upgradeable printing performance (see page 12, lines 9-26, page 14, line 19-page 15, line 12 and page 17, line 15-page 18, line 9 of the present specification).

On the other hand, Cook merely discloses verifying the compatibility of ink in a secondary ink tank 12 for mixing with ink in a base ink reservoir 20 of a printer (see col. 5, line 41-col. 6, line 38 of Cook). Cook does not disclose that the secondary ink tank is part of a cartridge which also incorporates a printhead, and therefore clearly does not teach or suggest that printing performance information of such a printhead is also determined by the printer, as is required by amended independent claim 1.

Further, Drake merely discloses pagewidth printheads, and Silverbrook merely discloses an arrangement in which a print engine is integrally provided with a printhead. Thus, neither Drake nor Silverbrook make up for the above-discussed deficiencies in Cook.

Thus, the subject matter of amended independent claim 1, and claims 2-5 dependent therefrom, is not taught or suggested by Cook, Drake and Silverbrook either taken alone or in combination with one another.

It is respectfully submitted that the Examiner's rejections have been traversed. Accordingly, it is submitted that the present application is in condition for allowance and reconsideration of the present application is respectfully requested.

Very respectfully,

Applicant:



---

Kia Silverbrook

C/o: Silverbrook Research Pty Ltd  
393 Darling Street  
Balmain NSW 2041, Australia  
Email: [kia.silverbrook@silverbrookresearch.com](mailto:kia.silverbrook@silverbrookresearch.com)  
Telephone: +612 9818 6633  
Facsimile: +61 2 9555 7762